Power Generation

1969. SHRI R. K. ANAND: Will the Minister of POWER be pleased to state:

(a) what is the latest estimated demand and supply of power in the country;

(b) what steps Government are taking to augment the power generation;

(c) since the opening of the power generation to private sector, the number of power projects sanctioned by Government and their stages of completion till date; and

(d) the power generation by the private sector and the percentage achieved, project-wise?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) The Power supply position for the period April-June, 2000 is given as under:

Peak Demand	73396 MW
Peak Met	62777 MW
Deficit	10619 MW (14.5%)
Energy requirement	124059 MUs
Energy availability	114674 MUs
Deficit	9385 MUs (7.6%)

(b) In order to improve availability of power and generation capacity and make optimal use of the available power resources in the country, the following measures have been taken:—

(i) Expeditious implementation of capacity addition programme.

(ii) Promotion of measures for energy efficiency and demand side management.

(iii) Renovation and Modernisation (R and M) of existing generating stations under Accelerated Generation Programme.

(iv) Promotion of inter-state and inter-regional power transfers.

(v) Coordinated operation of hydro, thermal, nuclear and gas turbine power stations in the regional power system.

(vi) Augmentation of transmission, transformation capacity in the power system and installation of shunt capacitors to improve the voltage.

(vii) Reduction of transmission and distribution losses.

(c) As on 30.6.2000, a total of 57 private power sector projects have been accorded techno-economic clearance out of which 9 projects with a total capacity of around 3200 MW have been fully commissioned and 11 projects with a total capacity of approximately 4100 MW are under construction.

(d) Energy generation-wise performance-status of private sector projects for the period April-July, 2000 is given as under:

Name		Generation (April-July 2000) (In GWH)		Target achieved (%)
		Programmed	Actual	
a.	Power utilities			
	A.E.Co.	1214	1171	96.4
	Trombay	2385	2815	118.0
	BSES Co.	1205	1183	98.2
	CESC	2150	2187	101.7
b.	I.P.P.			
	GIPCL	1073	944	88.0
	GUJARAT TOR	1511	1088	72.0
	Essar IMP	652	122	18.7
	Enron	1855	1044	56.3
	GVK Ind.	553	547	98.9
	Spectrum P	540	520	96.3
	Jindal	401	320	79.8
	Cochin CCGT	364	2	0.5

Name	Generation (April-July 2000) (In GWH)		Target achieved (%)
GMR Vasavi	477	468	98.1
NALCO IMP	200	161	80.5
ICCL IMP	132	172	130.3
DLF Assam	60	33	55.0

Power Projects in NER

1970. SHRI PRAKANTA WARISA: Will the Minister of POWER be pleased to state:

(a) whether Government propose to set up power projects in the NER, particularly in the North Cachar Hills Districts of Assam;

(b) if so, the details thereof; and

(c) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) to (c) Yes, Sir. There are as many as 10 power projects (including Kopili H.E. Project St. II-25-MW— in North Cachar Hills of Assam) with an aggregate capacity of 1360 MW under execution in N.E. Region and Sikkim. The details are given in the Statement (*See below*)

In addition, the following projects have been identified for capacity addition during the Tenth Plan and beyond:—

1.	Tuivai HEP (3×70 MW)	Mizoram
2.	Kameng HEP (4×150 MW)	Arunachal Pradesh
3.	Myntdu HEP St. I (2×42 MW)	Meghalaya
4.	Gas Turbine project (500 MW)	Tripura
5.	Ranganadi HEP St. II (180 MW)	Arunachal Pradesh
6.	Dikrong HEP (100 MW)	Arunachal Pradesh
7.	Lower Kopili HEP (150 MW)	Assam
8.	Tipaimukh HEP (1500 MW)	Manipur
9.	Subansiri & Dihang Basin (20700 MW)	Arunachal pradesh